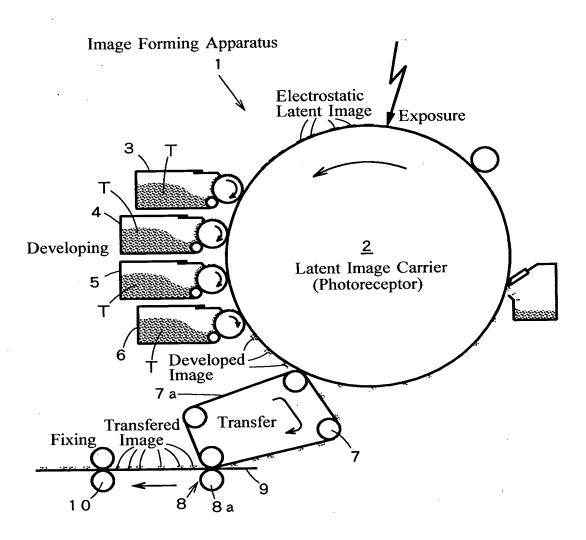
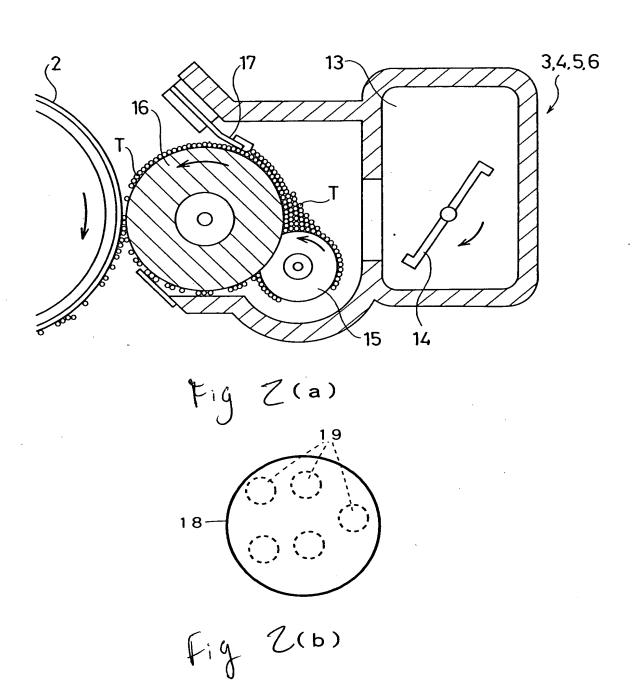
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FIG. 1



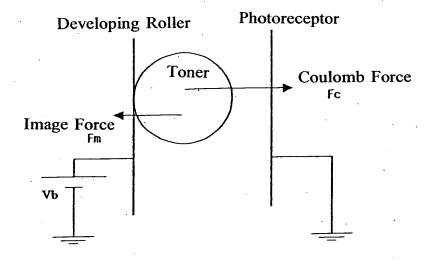
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# FIG. 2

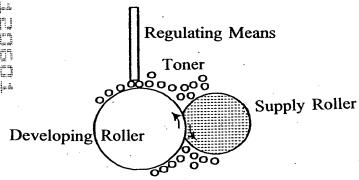


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#### FIG. 3

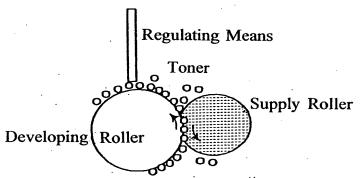


### FIG. 4



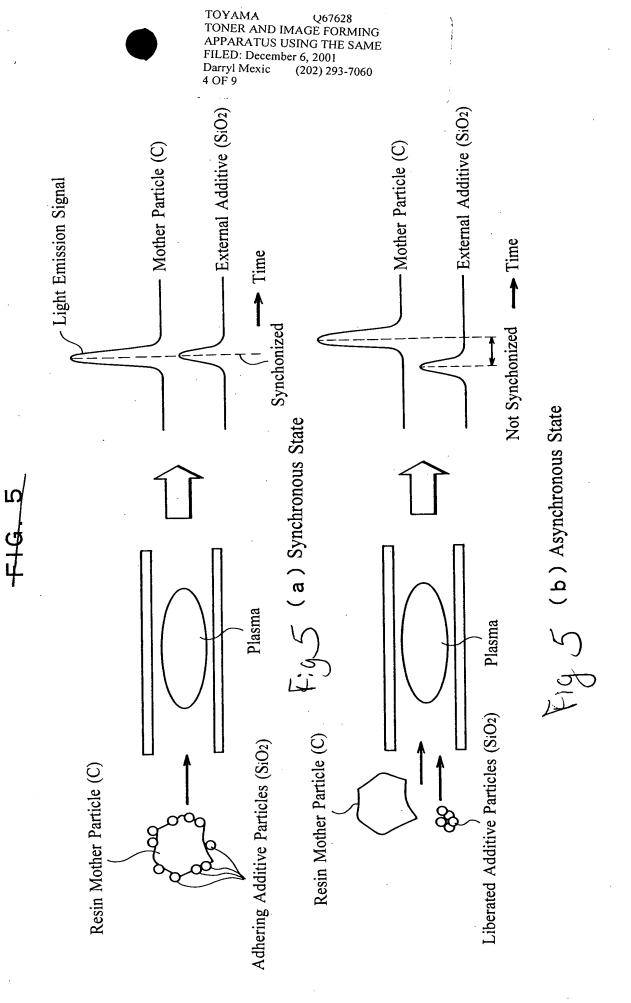
Residual toner particles are peeled off so as to always allow the supply of new toner.

fig 4 (a)



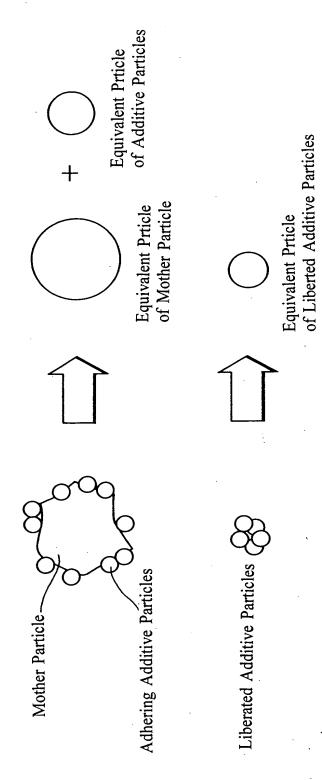
Because image force is so large, residual toner particles can not be completely peeled off not to allow the supply of new toner, thereby increasing the amount of charge.

fig4(b)



F1G. 6

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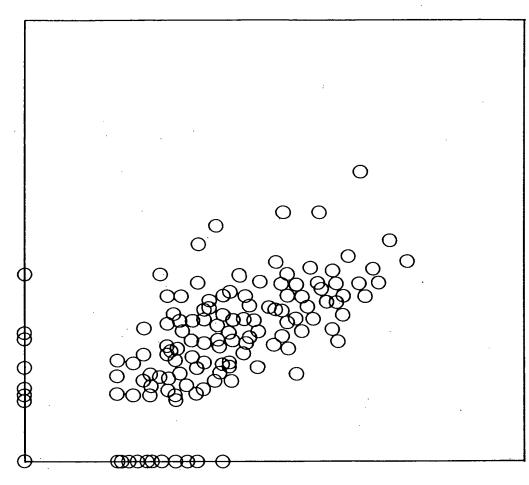


of External Additive Particles (SiO2)

Equivalent Prticle Diameter

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FIG. 7

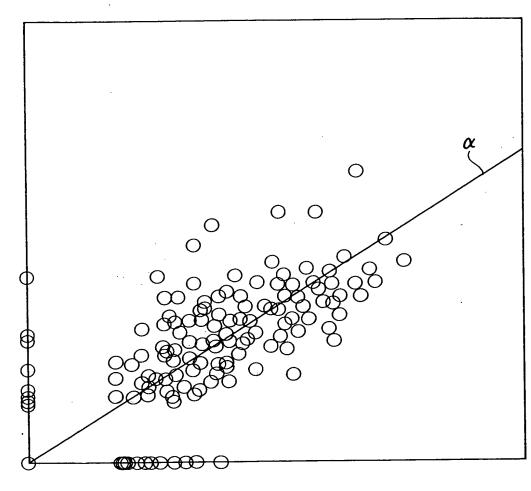


Equivalent Prticle Diameter of Mother Particles (C)

Equivalent Prticle Diameter of CCA

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FIG. 8



Equivalent Prticle Diameter of Mother Particles (C)



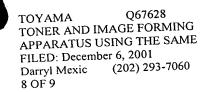
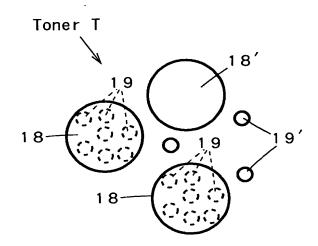
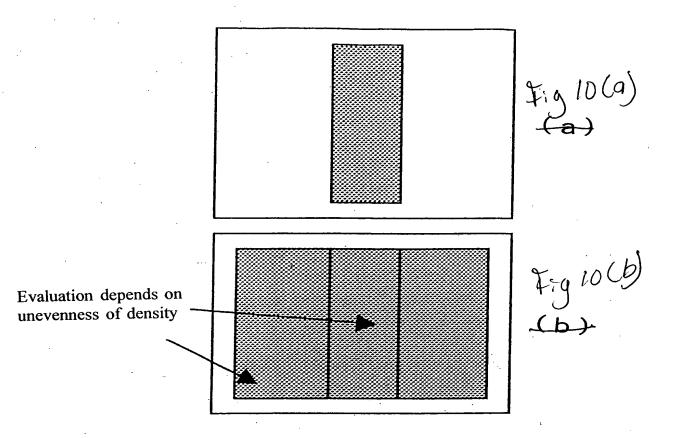


FIG. 9



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## FIG. 1

